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(54) Title: LIGANDS OF THE MOLECULE FIT (AGT-121) AND THEIR PHARMACEUTICAL USE

(57) Abstract: Identification of molecules which modulate *inter alia* obesity, anorexia, weight maintenance, inflammation and/or metabolic energy levels in a subject are described which particularly relate to a protein molecule called "FIT", previously known as "AGT-121". Ligands of "FIT" as well as antagonists of "FIT" -ligand interaction are proposed to modulate *inter alia* obesity, anorexia, weight maintenance, inflammation and/or metabolic energy levels in a subject. Methods of treatment and prophylaxis and pharmaceutical compositions useful in modulating *inter alia* obesity, anorexia, weight maintenance, inflammation and/or metabolic energy levels are also provided.